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	Revised edition no : 01
P-540 RUST REMOVER	Effective Date: 1-7-2014

**Description:**

P-540 RUST REMOVER is a concentrated mixture of surfactants, mineral acids, and additives in aqueous solution.

**USES**

P-540 is primarily used in the removal of rust and heat scales from ferrous metals. After treatment, metal surfaces are left in a slightly passivity condition which delays rusting.

**DIRECTION FOR USE**

Two factors are to be considered that a degree of corrosion products and the speed of removal required. The higher dilution is satisfactory for light rust and scale removal while lower dilution should be used for heavy rust and scale deposits. It is therefore recommended that A 20% and 30% v/v in water of P-540 is used for light and heavy deposits. The speed of removal increases rapidly with temperature which can range from ambient to 80 deg.C. The immersed components are then treated with repeated water rinsing to remove the excess acid and to provide a clean surface before subsequent processing.

**PHYSICAL PROPERTIES**

Eye Contact : severely irritating  
Skin contact : irritating, avoid contact of skin us gloves to protact is necessary  
Inhalation : in high concentrations vapours are irritating to eyes and mucous membrane.

**PRECAUTIONS**

- A. Keep containers closed.
- B. Do not get in eyes.
- C. Avoid breathing vapours.
- D. Wear protective clothing.
- E. Avoid skin contact.

**SPECIFIC TECHNICAL INFORMATION**

Appearance : light yellow.  
Density : 1.44g/cm<sup>3</sup>  
PH : 0.8-2

**Note**

All recommendations for use of our products, whether given by us in writing, orally, or to be implied from the results of tests carried out by us, are based on the current state of our knowledge at the time such recommendations are made. As additional information is learned, these recommendations may be updated. They may also be impacted by circumstances outside our control. Notwithstanding any such recommendations, the user shall remain responsible for satisfying himself that the product as supplied by us are suitable or his intended process or purpose. Since we cannot control the application, use or processing of the products, we cannot responsibility therefore. The user shall ensure that the intended use of the products will not infringe any third party's intellectual property rights.

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